ABSTRACT

A plasma display device provided with a green color phosphor which is charged entirely with a positive potential, adsorbs only limited amounts of water, carbon monoxide, carbon dioxide and hydrocarbon, and not liable to cause chemical reacttion thereto. The green color phosphor used is any one or a combination two or more kinds of phosphors selected from among compounds defined by the general formulae of $M_{1-x}Al_{12}O_{19}:Mn_x$ (where "M" denotes one of Ca, Sr, Eu and Zn) having a magnetoplumbite crystal structure, $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$, $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y$, Tb_y, $(Y_{1-a-y}Gd_a)BO_3:Tb_y$ and $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ having any of an yttrium borate crystal structure and yttrium aluminate crystal structure.